

EXHIBIT B
DETAILED AMENDMENTS TO CLAIMS PENDING UPON ENTRY OF THE
PRESENT AMENDMENT
U.S. PATENT APPLICATION No. 09/756,092 FILED JANUARY 8, 2001

39. (Amended) A method of screening a plurality of solid-forms of a compound-of-interest, comprising:

- (a) preparing at least 24 samples each sample comprising the compound-of-interest and one or more components, wherein an amount of the compound-of-interest in each sample is less than [about] 1 gram;
- (b) processing at least 24 of the samples to generate an array wherein at least two of the processed samples comprise a solid-form of the compound-of-interest; and
- (c) analyzing the processed samples to detect at least one solid-form.

43. (Amended) The method of claim 39, wherein one or more of the processed samples differ [from one or more other processed samples] with respect to at least one of:

- (a) amount or concentration of the compound-of-interest;
- (b) the physical state of the solid-form of the compound-of-interest;
- (c) the identity of one or more of the components;
- (d) amount or concentration of one or more of the components;
- (e) a physical state of one or more of the components; or
- (f) pH.

46. (Amended) The method of claim 39, further comprising analyzing [the] detected solid-form by infrared spectroscopy, near infrared spectroscopy, Raman spectroscopy, NMR, x-ray diffraction, neutron diffraction, powder x-ray diffraction, light microscopy, second harmonic generation, or electron microscopy.

49. (Amended) The method of claim 39, wherein one or more of the components is an excipient, a solvent, a non-solvent, a salt forming component, a salt, an acid, a base, a gas, a pharmaceutical, a dietary supplement, an alternative medicine, a nutraceutical, a sensory compound, an agrochemical, an active component of a consumer formulation, an active component of an industrial formulation, a crystallization additive, an additive that affects particle or crystal size, an additive that structurally stabilizes crystalline or amorphous solid-forms, an additive that dissolves solid-forms, an additive that inhibits crystallization or precipitation, an optically-active solvent, an optically-active reagent, or an optically-active catalyst.

50. (Amended) The method of claim 39, wherein processing the samples comprises at least one of:

- (a) adjusting a value of temperature;
- (b) adjusting [a] processing time;
- (c) adjusting pH;
- (d) adjusting amount or concentration of the compound-of-interest;

(e) adjusting amount or concentration of one or more of the components;
(f) adding one or more additional components;
(g) nucleation;
(h) precipitation; or
(i) controlling the evaporation of one or more of the components;
or a combination thereof.

52. (Amended) The method of claim 51, wherein the [amorphous or crystalline] form of the compound-of-interest is a salt, hydrate, anhydrous, co-crystal, dehydrated hydrate, solvate, desolvated solvate, clathrate, or inclusion.

53. (Amended) The method of claim 39, wherein the array comprises two or more [different] polymorphs of the compound-of-interest.